AMENDMENTS TO THE SPECIFICATION

Please amend the first paragraph of page 1 as follows:

This application claims the benefit of U.S. provisional application Serial No. 60/155,505, filed September 22, 1999, entitled *Key Escrow Systems*, now abandoned.

Please amend the paragraph beginning "For the DG illustrated in FIGURE 2 ..." on page 38, line 18 as follows:

For the DG illustrated in FIGURE 2, the input to output transfer relationships can be written for a generic multiplier cell as:

$X_{out} = (X_{in} + x_j * n_i + a_i * b_j + t_{in})$ mod 2,

$c_{out} = (X_{in} + x_j * n_i + a_i * b_j + t_{in})$ div 2,

$x_j = X_{in}$ mod 2,

$a_{out} = a_{in,}$

$b_{out} = b_{in}$

~~$n_{out} = n_{in}$~~ $\underline{n_{out} = n_{in}}$

Please amend the paragraph beginning "The input to output transfer relationships for the generic DG cell ..." on page 42, line 11 as follows:

The input to output transfer relationships for the generic DG cell are subsequently given by:

~~$X_{out} = (X_{in} + x_j * n_k + c_{in})$ mod 2~~ $\underline{X_{out} = (X_{in} + x_j * n_k + c_{in})}$ mod 2,

$c_{out} = (X_{in} + x_j * n_k + c_{in})$ div 2,

$x_j - X_{in}$ mod 2,

~~$x_j - X_{in}$ mod 2~~ $\underline{x_j = X_{in}}$ mod 2.